GUIDE TO NIH

N I H

ABOUT THE NATIONAL INSTITUTES OF HEALTH

The National Institutes of Health, located on a 300-acre reservation in suburban Bethesda, Maryland, is some 12 miles from the Nation's Capitol. On its campus-like setting are more than 50 buildings – laboratories, clinics, offices, animal quarters, and other specialized facilities.

The NIH today is one of the largest research centers in the world. The principal medical research arm of the Department of Health and Human Services, NIH conducts basic, clinical, and applied research related to a broad spectrum of diseases and health problems.

The agency consists of 13 research Institutes and 2 Divisions, 5 Centers, and the National Library of Medicine, the world's largest reference center devoted to a single subject. NIH also includes the 14-story Warren Grant Magnuson

Clinical Center – a 540-bed research hospital and laboratory complex – and some 1,420 other laboratories equipped with the most modern scientific equipment, and the Fogarty International Center, which fosters international exchange and houses foreign scholars-in-residence.

At work in Bethesda and at field stations elsewhere are some 15,000 employees. Among them are 2,300 with doctoral degrees. More than 1,000 of these specialists are physicians (many of whom also hold Ph.D.'s or other doctorates), dentists, and veterinarians. The scientific staff also includes skilled technologists of many kinds.

In addition to the research conducted in its own laboratories and clinics, NIH supports the work of thousands of investigators at universities, medical and dental schools, research centers, and other institutions across the Nation and abroad. It also supports the training of new research scientists. Finally, NIH helps speed the flow of medical knowledge to health practitioners and the public.

Programs of the research Institutes are designed to harness new knowledge to combat the major killing and disabling diseases prevalent in the United States today – cancer, heart disease, arthritis and diabetes, neurological diseases, vision disorders, infectious diseases, and dental diseases – to study human development and the aging process, to investigate the relationship of environment to human health, and to gain increased knowledge in the fundamental life sciences.

NIH

OFF-CAMPUS LOCATIONS & NEIGHBORS

OFF-CAMPUS LOCATIONS

A Park Building, 12420 Parklawn Dr., Rockville, MD – NCI, NICHD, NIDR, NINDS.

B Federal Building, 7550 Wisconsin Ave., Bethesda, MD – NINDS, NHLBI, NIDDK, NIA.

C Westwood Building and Annex, 5333 Westbard Ave., Bethesda, MD – DRG, and select Extramural Programs of the Institutes.

D DANAC Warehouse, 12725 Twinbrook Pkwy., Rockville, MD – Materiel Management.

E Landow Building, 7910 Woodmont Ave., Bethesda, MD – NCI, NICHD.

F Blair Building, 8300 Colesville Rd., Silver Spring, MD – NCI.

G DANAC Building, 12501 Washington Ave., Rockville, MD – NIDDK.

H Twinbrook Building #1, 5640 Fishers Lane, Rockville, MD – NIAID.

S Executive Plaza North and South, 6130 / 6120 Executive Blvd., Rockville, MD.

- NIH Animal Center, Poolesville, MD – NCRR, NIMH, NICHD.
- Research Triangle Park, N.C. – NIEHS.
- Gerontology Research Center, Baltimore, MD – NIA.
- Rocky Mountain Laboratory, Hamilton, Mont. – NIAID.
- Framingham Heart Disease Epidemiology Study, Framingham, Mass. – NHLBI.
- Southwestern Field Studies Section, Epidemiology and Field Studies Branch, Phoenix, Ariz. – NIDDK.
- Ft. Detrick, Federick, MD – NCI, NINDS, NIAID.
- R.A. Bloch International Cancer Information Center, 9030 Old Georgetown Rd., Bethesda, MD. Bldg. 82-NCI

NEIGHBORS

I National Naval Medical Center, and the Uniformed Services University of the Health Sciences, Bethesda,MD.

J Federation of American Societies for Experimental Biology (FASEB), 9650 Rockville Pike, Bethesda, MD.

K American National Red Cross Blood Research Laboratory, 9312 Old Georgetown Rd., Bethesda, MD.

L Food and Drug Administration (FDA), and Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA), Parklawn Building, 5600 Fishers Lane, Rockville, MD.

M Suburban Hospital, 8600 Old Georgetown Rd., Bethesda, MD.

N Health Resources and Services Administration (National Center for Health Statistics, National Center for Health Services Research, Bureau of Health Manpower, and Bureau of Health Planning and Resources Development) Parklawn Building, 5600 Fishers Lane, Rockville, MD.

P American College of Cardiology, 9111 Old Georgetown Rd., Bethesda, MD.

R National Institute of Mental Health, Parklawn Building, 5600 Fishers Lane, Rockville, MD.

NIH
CAMPUS DIRECTORY

Directory Listing: Building Number/*Map Reference or Location*

VISITOR INFORMATION Loboy: Buildings 1, 10, 31A

VISITOR INFORMATION CENTER Lobby: Buildings 10C, 31A

ONIce of the Director, NIH, and Principal Administrative Offices 1/*D7*

National Eye Institute (NEI)
Administrative Offices: 31A/*C7*
Laboratories: 6/*C8*, 6A/*C8*, 6B/*C8*, 9/*E6*,10/*D5*, 49/*E3*

National Cancer Institute (NCI)
Administrative Offices: 31A/*C7*, 82/*B1*, Exec.Plaza/*Rockville*, Westwood/*Bethesda*, , FCRDC/*Frederick*, Park/*Rockville*
Laboratories: 8/*E7*,10/*D5* 14/*H6*, 37/*F3*
Carcinogenesis Containment Facility: 41/ *J7*

National Heart, Lung, and Blood Institute (NHLBI)
Administrative Offices: 31A/*C7*, 82/*B1*
Laboratories: 1/*D7*, 3/*F7*, 10/*D5*, 36/*F3*, Westwood /*Bethesda*, Federal/*Bethesda*

National Institute of Allergy and Infectious Diseases (NIAID)
Administrative Offices: 31A/*C7*, Westwood/*Bethesda*, Federal/*Bethesda*
Laboratories: 5/*E6*, 7/*E6*, 8/*E7*, 10/*D5*

National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)
Administrative Offices: 31C/*B7*
Laboratories: 6/*C8*,10/*D5*

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
Administrative Offices: 31A/*C7*
Laboratories: 2/*D7*, 4/*D6*, 6/*C8*, 6B/*C8*, 10/*D5*

National Institute of Child Health and Human Development (NICHD)
Administrative Offices 31A/*C7*, Exec. Plaza/*Rockville*
Laboratories 6/*C8*, 6A/*C8*, 6B/*C8*, 10/*D5*, 18/*H7*, 36/*F3*, 37/*F3*

National Institute on Deafness and Other Communication Disorders (NIDCD)
Administrative Offices: 31B/*B7*
Laboratories 10/*D5*

National Institute of Dental Research (NIDR)
Administrative Offices: 30/*F4*, 31C/*B7*, Westwood/*Bethesda*
Laboratories: 10/*D5*, 29A/*F4*, 30/*F4*

National Institute of Environmental Health Sciences (NIENS)
Administrative Offices: *Research Triangle Park, NC*
Laboratories: *Research Triangle Park, NC*

National Institute of General Medical Sciences (NIGMS)
Administrative Offices: Westwood/*Bethesda*, 31A/*C7*

National Institute of Neurological Disorders and Stroke (NINDS)
Administrative Offices: 31A/*C7*, FCRDC/*Frederick*, Park/*Rockville*, Federal/*Bethesda*
Laboratories: 9/*E6*, 10/*D5*, 13/*F6*, 36/*F4*

National Institute on Aging (NIA)
Administrative Offices: 31C/*B7*, 49/*E3*, Federal/*Bethesda*, Westwood/*Bethesda*, Gerontology Ctr/*Baltimore*

National Library of Medicine (NLM)
Administrative Offices: 38/*J8*
National Medical Audiovisuals Center: 38A/*J8*
Lister Hill National Center for Biomedical Communications: *38A/J8*

Clinical Center (CC)
Administrative Offices: 10/*D5*
Hospital, Laboratories: 10/*D5*
Surgical Wing: 10A/*D4*
Clinics/Laboratories: 10/*D5*

Division of Computer Research and Technology (DCRT)
Administrative Offices: 12A/*F5*
Laboratories: 12/*H6*, 12A/*F6*, 49/*E3*, 31B/*B7*

Division of Research Grants (DRG)
Administrative Offices: Westwood/*Bethesda*, Omega Ctr./*Frederick*

National Center for Research Resources (NCRR)
Administrative Offices: 31B/*B7*, 12A/*F6*
Laboratories: 13/*F6*
Animal Buildings: 14A/*H5*, 14G/*H7*, 28/*H6*, Animal Ctr./*Poolesville*
NIH Library, Medical Arts and Photography: 10/D5

Fogarty International Center (FIC)
Administrative Offices: 31B-C/*B7*, 38A/*J8*
Conference Rooms and Scholars-in-Residence:16/*F8*

Bureau of Biologics (FDA)
Administrative Offices: 29/*F5*
Laboratories: 29/*F5*, 29A/*F4*

National Institute of Mental Health (ADAMHA)
Administrative Offices: 9/*E6*, 15K/*G6*, 32/*H7*, 36/*F3*
Wilson House: 15K/*G6*
Greenhouse: 32/*H7*

Apartment House 20/*G4*

Bloch International Cancer Information Center 82/*B1*

Chemical Disposal 26/*G7*

Child Day Care Center 35/*F2*, T46/*H5*

Children's Inn G2/*A4*

Chilled Water Plant 34/*G5*

Electrical Substation 4B/*H5*

Fitness Center T39/*J6*

Isotope Laboratory 21/*E8*

Mary Woodard Lasker Center 60/*D2*

Multi-Level Parking Facilities MLP- 6/*G3*, MLP-7/*J8*

Pepco Substation 17/*E9*

Quarters 15A/*B5*, 15I/*H7*

The Division of Research Grants (DRG) & the Extramural Programs of most of the Institutes are located in the Westwood Building and Annex, 5333 Westbard Avenue, Bethesda, MD.

Elements of the NINDS, NHLBI, NIDDK, & NIA are located in the Federal Building, 7550 Wisconsin Avenue, Bethesda MD.

NICHD, NCI & NCRR have elements located in Executive Plaza Buildings, 6120 and 6130 Executive Boulevard, Rockville, MD.

NIAID components are located in the Control Data Building, 6003 Executive Boulevard, Rockville, MD.

Elements of NCI & NINDS are located in the Park Building, 12420 Parklawn Drive, Rockville, MD.

NIA has elements located at the Gerontology Research Center, Baltimore, MD.

NIAID has elements located at Rocky Mountain Laboratories, Hamilton, Mont., and New Iberia, La.

NCI, NIAID & NINDS have elements located at the Frederick Cancer Research Development Center, Fort Detrick, Frederick, MD.

Components of NCRR are also located at San Juan, Puerto Rico.

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Among the outstanding achievements of NIH intramural scientists are:

- First transfer of a foreign gene into humans.
- First trial of gene therapy in humans.
- Identification of AZT as an active agent against HIV (human immunodeficiency virus) in laboratory tests and the first administration of the drug to a patient with AIDS.
- Cracked the genetic code, deciphering how nature uses the order of DNA bases to produce proteins that determine the nature and characteristics of all living things. (Nobel prize in 1968)
- Discoveries concerning neurotransmitters that enable nerve cells to communicate with each other. (Nobel prize in 1970)
- Discovery that the three-dimensional conformation of a protein is determined by its amino acid sequence. (Nobel prize in 1972)
- Recognition of the first human slow virus disease, kuru, which is a degenerative, fatal infection of the central nervous system. (Nobel prize in 1976)
- Discovery of the Australia antigen, later identified as the surface antigen of the hepatitis B virus. (Nobel prize in 1976)
- First complete removal and successful replacement of a patient's diseased mitral valve with an artificial one, which was developed here.
- Development of the first licensed rubella vaccine.
- Identification or isolation of the agents responsible for a number of infectious diseases including Rocky Mountain spotted fever; Lyme disease; hepatitis A; intestinal infections, particularly infant diarrhea; and respiratory infections ranging from croup to pneumonia.
- Development of successful treatments for several formerly fatal diseases — such as Wegener's granulomatosis — that are characterized by inflammation of the walls of blood vessels.
- Demonstration that continual use of the antiviral drug acyclovir was safe and effective in preventing recurrences of oral and genital herpes infections.
- Development of the first successful cure for a childhood cancer (leukemia). This played a major role in establishing chemotherapy as a standard cancer treatment.
- Discovery of an effective combination drug therapy for Hodgkin's lymphoma.
- Creation of a system of mouse plasma cell tumors that made possible the development of hybridomas, cells that produce monoclonal antibodies.
- Development of a mouse model that verified the relationship between prenatal exposure to diethylstilbestrol (DES) and reproductive tract abnormalties in male and female children of mothers who were prescribed the drug during pregnancy.
- First comprehensive description of the sequence of hormonal interactions during the menstrual cycle.
- Development of the assay for the hormone human chorionic gonadotropin that evolved into the home pregnancy tests.
- Determined the sequence of reactions triggered by the enzyme aldose reductase (AR) that underlies the development of diabetic complications such as sugar cataracts and nerve damage. This finding resulted in studies of AR inhibitors as a new treatment for these problems.
- Demonstration that tooth decay can be prevented by low levels of fluoride in drinking water.
- Discovery that tooth decay is caused by bacteria.
- Establishment of the importance of distinguishing between the normal processes of aging and the changes produced by diseases in later life. Also, development of the ability to make such distinctions.
- The training of a host of scientists who went on to become the leaders of biomedical research at universities around the country. Research led by these men and women has fueled a great many advances in the understanding and treatment of human diseases during the last 50 years.